

Title (en)  
PROCESS FOR PRODUCING THIN FILM MAGNETIC HEAD

Publication  
**EP 0348230 A3 19910502 (EN)**

Application  
**EP 89306405 A 19890623**

Priority  
JP 15726788 A 19880623

Abstract (en)  
[origin: EP0348230A2] An improved process for producing a thin film magnetic head comprising forming a nonmagnetic material layer (4) over a lower magnetic core layer (2) with an electrically conductive coil layer (6) embedded in the nonmagnetic material layer, and forming an upper magnetic core layer (8) of a predetermined pattern (3, 8) by a specific method over the resultant to provide the thin film magnetic head.

IPC 1-7  
**H01F 41/14**; **G11B 5/31**

IPC 8 full level  
**G11B 5/31** (2006.01); **H01F 41/34** (2006.01)

CPC (source: EP US)  
**G11B 5/3163** (2013.01 - EP US); **H01F 41/34** (2013.01 - EP US); **Y10T 29/49044** (2015.01 - EP US); **Y10T 29/49046** (2015.01 - EP US); **Y10T 29/49064** (2015.01 - EP US)

Citation (search report)

- [A] US 4424271 A 19840103 - KEEL BEAT G [US], et al
- [X] PATENT ABSTRACTS OF JAPAN vol. 12, no. 97 (P-682)(2944) 30 March 1988, & JP-A-62 229513 (NEC KANSAI LTD) 08 October 1987,
- [A] PATENT ABSTRACTS OF JAPAN vol. 11, no. 256 (P-607)(2703) 20 August 1987, & JP-A-62 062414 (SEIKO EPSON CORP) 19 March 1987,
- [A] PATENT ABSTRACTS OF JAPAN vol. 5, no. 122 (P-74)(794) 07 August 1981, & JP-A-56 061018 (HITACHI SEISAKUSHO K.K.) 26 May 1981,
- [A] PATENT ABSTRACTS OF JAPAN vol. 11, no. 293 (P-619)(2740) 22 September 1987, & JP-A-62 088120 (SEIKO EPSON CORP) 22 April 1987,
- [A] PATENT ABSTRACTS OF JAPAN vol. 11, no. 291 (P-618)(2738) 19 September 1987, & JP-A-62 086517 (SEIKO EPSON CORP) 21 April 1987,

Designated contracting state (EPC)  
DE GB

DOCDB simple family (publication)  
**EP 0348230 A2 19891227**; **EP 0348230 A3 19910502**; **EP 0348230 B1 19950322**; DE 68921795 D1 19950427; DE 68921795 T2 19950713; JP 2501873 B2 19960529; JP H025213 A 19900110; US 4966648 A 19901030

DOCDB simple family (application)  
**EP 89306405 A 19890623**; DE 68921795 T 19890623; JP 15726788 A 19880623; US 37018189 A 19890623